

56M DP2 Anchor Handling Tug Supply



Classification

Class Notation DNV-GL +1A1 Fire fighter(I)
Tug DYNPOS(AUT) E0 SF

Dimensions

Length (LOA) 56.0 m
Beam 13.5 m
Summer Draft 5.14 m
Deadweight @ Summer Draft 1344 t
GT 1215

Deck Capacities

Deck Load Capacity 510 t
Deck Strength 5 t/m² - General Deck
Free Deck Area 324.5 m²
Length x Width 29.5 x 11 m

Tank Capacities

NLS See brine/mud
Brine / Mud 107 m³ Brine (Multi usage tanks)
215 m³ Mud (Multi usage tanks)
Drill / Ballast Water 453 m³ (multi usage tanks, 131 m³ dedicated)
Dry Bulk 122 m³ (In 4 dedicated tanks)
Fresh Water 415 m³
Fuel Dedicated 528 m³
Fuel Total 850 m³
Tank Capacities Details Refer to Tank Capacities Table
Drilling Brine See brine/mud
Ballast Water 453 m³
Drill Water 453 m³

Propulsion / Bollard Pull

Main Engines 2 x Bergen C25:33L6P diesel engines each 1800 kW = 3600 kW (4826 bHP),
Tw in CPP propellers in KORT nozzles with Hi-lift flap rudders

Thrusters 1 x Bow tunnel 500 kW / 670 bHP
1 x Stern tunnel 500 kW / 670 bHP

Bollard Pull 53 t @ 100% MCR

Deck Equipment

Anchor Handling W inch 1 x AH w inch 150 t 1st layer @ 0-7.2 m /m in
Wire capacity 1200 m of 64 mm dia.

Towing Pins 2 x Karmoy 160 t SW L

Shark Jaws 1 x Karmoy 300 t SW L

Stern Roller RRM 2.0 m x 4.0 m @ 250 t SW L

Capstans 2 x capstans with 1 x fixed w rapping 410 mm x 575 mm @ 6 t at 0-35 m /m in

Tugger Winches 1 x 10 t pull at approx. 0-18m /m in, 250 m of 18 mm wire

Provision Crane Electric Hydraulic, telescopic Boom
SW L 3.5 t
Maximum boom out reach 7 m (0 Degrees)
Minimum boom out reach 1.9 m

Chain Gypsies 1 x 76 mm mounted on work drum

Performance & Economy

Economical Speed Approx. 10.5 m³/Day @ 10 knots

DP<20% Approx. 4 m³/Day

DP>35% Approx. 6.5 m³/Day

Standby in Field Approx. 4 m³/Day

Standby in Port Approx. 1 m³/Day

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Note Performance & Economy figures are given at mean vessel draft of 4.5 m (925 t deadweight) & Beaufort Scale 2

Dynamic Positioning System

Type	GE DPS-11 Sim ples DP System
Reference System s	1 x Fanbeam 1 x Veripos DGNSS
Motion Reference Units	1 x VRU 1 x Anemom eters 2 x Gyros Compasses

Rescue Boat

1. 1 x Maritime Partner Weedo 17, 6 person, SOLAS approved Rescue boat w ith 2 x diesel outboards

Accommodation

Person Capacity	Total 22 4 x 1m an cabin 5 x 2m an cabins (Including hospital) 2 x 4m an cabins
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